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Please note the following rules and suggestions. No goods sent on approval nor C.O.D. No goods returned or exchanged. Keep to the right. Count your change. Take package with you. Report any error to the manager. Have a little patience. When at all possible shop in the morning. Don't be afraid to buy. Remember we positively guarantee each article just as represented

THE BOSTON STORE

(Successors to the Morse Department Store)

S. D. LYNCH, Proprietor.

STUDY BAD DISEASE

Experiments Made in Honolulu With Leprosy.

AFRICAN APES INNOCULATED

As They Are the Nearest Beasts to Man in Structure, Temperament and Susceptibility to Disease, They Will be Sacrificed.

HONOLULU, Oct. 5.—As soon as the federal leprosarium at the Molokai settlement at the Molokai set-apes from East Africa are to be imported, taken to the settlement and inoculated with the bacilli of the dreaded disease. This is to be done in order that a systematic study of leprosy may be made, that the scientists may be able to watch the course of the disease from its inception and experiment on the subjects at all stages of its growth, says the Hawaiian Gazette.

The African chimpanzees are of all beasts the nearest to man, nearest in structure, in temperament and in susceptibility to disease, and for this reason it is that they will be called upon to give up their lives that a remedy for suffering mankind may be sought for. They will be exposed to the disease in its various forms in order that degrees of contagion may be learned. They will be inoculated with the bacilli and watched, studied, treated and experimented with as the disease develops, and in cases they will be painlessly killed that most mortem examinations may be conducted and the ravages of the now incurable sickness on the various functions of the body at its different stages learned.

In this way it is hoped that a remedy may be discovered. In this way only can it be hoped that any remedy will be found. The apes experimented upon will die in the best of causes, and their deaths will be justified as the one possible way in which there can be any hope of discovering the remedy for the

disease most dreaded of all the ills that flesh is heir to.

Anti-vivisectionists may oppose such experimenting upon living subjects. It is most probable that they will oppose them; but if there be the least possibility of discovering the serum that will render the bacilli of leprosy innocuous the sacrifice of the apes will be justified. Science had agreed that a remedy can only be found along these lines, and along these lines it will be searched for.

The records of the Molokai settlement show that the animals so far taken there among the lepers have an immunity from the disease. Dogs and cats live in the leper's houses unaffected, and horses and cattle die there only by the same disease as elsewhere. The disease does not affect birds kept in confinement, and rabbits and guinea pigs are kept there as pets and live out their natural lives without the contagion they are exposed to affecting them. Recently a number of monkeys have been taken to the settlement, but these have not been there long enough to show whether they, too, are immune.

Neither, so far as can be learned, has the disease been transmitted to any animal by inoculation, although the experiments made on rabbits and guinea pigs throughout the civilized world might have suggested such a course in regard to leprosy. Heretofore, however, there has been little opportunity for any scientific system of experiments at Molokai, except the one fatal case where a human being, a man condemned to death, submitted himself to inoculation in preference to going to the scaffold. The use of apes as living subjects for experiments in other diseases has been fairly common, as common as the great expense involved would permit. The great Pasteur experimented with them in his life's work of discovering the serum for the cure of hydrophobia. Koch, the German savant, worked with apes in his experiments for the determination of the bacilli of tuberculosis, and other lesser scientists have brought down upon their heads the maledictions of the anti-vivisectionists for their experimenting with the same brute.

The one great drawback in the use of the ape for such work as is planned to be done at the leprosarium, as is stated, is the great expense. The apes are to be secured through the American consular representatives in Portuguese

East Africa, and to bring them here will cost the government over \$500 for each animal. The chimpanzees are affected more than almost any other animal with nostalgia, by which term the scientists mean homesickness, and many of them refuse to live in confinement, pining their lives away. This adds to the difficulty of conducting experiments.

Dr. Brinkerhoff, the federal medical officer to be in charge of the leprosarium, and under whom the experiments will be carried out, purposes devoting a large part of his laboratory to housing the apes, when they are first brought to the settlement, devoting to them the entire upper floor of the building. Here they live in direct touch with the federal physician and his assistants, acustoming themselves to be handled, learning to forget their African home in association with the humans of the station, gradually acquiring a confidence in those around them, who will do whatever is possible to win their confidence. All this while the apes will be left in their natural healthy condition, neither affected animals nor leper being allowed in this portion of the leprosarium, which is to be the working quarter of the pharmacists and bacteriologists.

After the apes are inoculated they will be placed in a specially prepared animal house in the large compound in the rear of the hospital proper. Here will also be kept whatever other animal it may be deemed judicious to be used in the systematic and exhaustive experiments it is the intention of Dr. Brinkerhoff to carry on. It is from the apes, however, that the great results are to be looked for, because their close relationship with man will show what can be done with them in the alleviation and possibly the cure of the disease. One thing can certainly be said, and that is that if it be humanly possible, with the present knowledge of the scientists in charge of this station and the ultimate knowledge of the disease they will obtain from their work at Molokai, for a cure of the hitherto incurable disease to be cured, it will be obtained.

Do you know that Pinesalve Carbolyzed acts like a poultice in drawing out inflammation and poison? It is anti-septic. For cuts, burns, exzema, cracked hands it is immediate relief. Sold by Frank Hart's Drug store.

BUYS SHIRT PLANT.

ELIZABETH, N. J., Oct. 5.—Klinger & Bach, shirt manufacturers of No. 737 Broadway, New York, have purchased the shirt factory at No. 409 Livingstone Street, this city, from G. H. Cooper & Son, the former owners of the plant. G. H. Cooper will be retained as superintendent and will look after the interests of the New York firm in this city. When Mr. Cooper started the plant a year ago last May, he had but 15 machines. Today there are 70, the output being six times that of a year ago.

MILL HAS PROSPEROUS YEAR.

HUNTSVILLE, Ala., Oct. 5.—At the annual meeting of the stockholders and directors of the Abbingdon Cotton Mills held last week, the report showed that the past year has been a prosperous one for the corporation. Officers were elected as follows: W. L. Burrell, president; Theophilus Kling, treasurer; Jas. R. Boyd, secretary and assistant treasurer; J. G. Johnson, superintendent; W. L. Burrell, Fred S. Bennett, Milton Humes and Theophilus Kling were named as directors.

PARENTS FEAR A MISHAP.

BELLINGHAM, Oct. 5.—Paul Reitan, the 12-year-old son of Mr. and Mrs. South Bellingham, has mysteriously disappeared and the aid of the city police has been enlisted in finding him. The youth was last seen yesterday and the parents fear he has met with some mishap.

Afflicted with Sore Eyes for 33 Years.

I have been afflicted with sore eyes for thirty-three years. Thirteen years ago I became totally blind and was blind for six years. My eyes were badly inflamed. One of my neighbors insisted upon my trying Chamberlain's Salve and gave me half a box of it. To my surprise it healed my eyes and my sight came back to me.—P. C. Earls, Cynthia, Ky. Chamberlain's Salve is for sale by Frank Hart and Leading Druggists.

Bad breath is a most offensive ailment, irritates you as well as your friends; Hollister's Rocky Mountain Tea takes the bad taste from the mouth, removes the cause, purifies the breath. 35 cents, Tea or Tablets. Frank Hart.

Morning Astorian, 60 cents per month, delivered by carrier.



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